



SWAT

User Manual

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Before using your phone

Introduction

Thank you for purchasing the GSM/GPRS **NGM SWAT** mobile phone.

Please read this User's Manual carefully to understand the functions and operation of the mobile phone. Store this manual in a safe place for future reference

The information in this manual is believed to be correct at the time of printing; NGM reserves the right, however, to change or modify any of the specifications without notice. Some of the contents in this manual may differ from your phone, depending on the software installed, your SIM card or your service provider.

Guidelines

For your safety

For your safety and proper use of the telephone, please observe the following guidelines:

- Do not switch the phone in proximity to chemical plants, gas stations or other areas at risk of explosion.
- When driving, use only the headset, do not forget to always park your car at the roadside before starting a conversation with the apparatus.
- Since the use of mobile phones can cause interference on aircraft, not use any phone on an airplane. Such a wireless phone use is dangerous and illegal, always switch off your phone before boarding.
- Pay special attention to the use of the phone near cardiac pacemakers, hearing aids and other medical equipment, because the phone can be source of interference.
- The use of non genuine parts and accessories will void the warranty.
- Do not disassemble the phone without permission. In case of failure, please contact the supplier as soon as possible.
- Do not connect the charger to the phone when there is no battery connected. Turn off your phone before removing the battery, otherwise, the phone's memory may be damaged.
- When the phone is connected to the charger, always make sure that the room there is good ventilation or a heat sink, and the unit is away from flammable items or explosives.
- To avoid the risk of demagnetization, keep the phone away from magnetic objects such as CDs, credit cards, etc.
- Make sure the phone does not come into contact with any type of liquid in the case of such cases, remove the battery and contact your supplier immediately.
- Do not use the phone in situations with ambient temperature is too high or too low, do not expose the unit to strong direct sunlight or humid environments. The operating temperature for the correct phone and its accessories is between 0 ° and 40 °. The altitude when using the telephone should not exceed 2,000 meters.
- Do not use liquid or soft cloth moistened with detergent to clean the phone energetic.
- The phone has features of sound recording, video and photographs, which must be used according to the laws and regulations.
- Keep the phone away from children. Do not throw or shake the phone, because the internal circuits and structures accurately could be damaged.
- Do not dispose of batteries with household waste.

Note: *The manufacturer assumes no responsibility for any failure of the policy set forth above or for any unauthorized use of your phone. The manufacturer reserves the right to alter without notice the information contained in this guide. The contents of this manual may differ from actual content displayed in the phone. In this case, the latter shall prevail.*



A thought for environment

NGM is wary about the environmental impact of the materials during the product life cycle. For this reason, we promote their responsible use and their replacement – where possible – with eco-friendly and recyclable materials. More specifically, the outer shell of the **NGM SWAT** is made out of recycled materials.

Mobile phone profile

Profile

Phone profile

The phone comes equipped with a screen, a vibrating motor, and a USB multifunction connector (data/charging). The following pages show front and back/side views of the phone.

Front view



Other views



Get started

SIM card Installation

Installing one or two SIM Cards

Since the phone supports **two SIM cards**, when registering a mobile phone number, you can apply for two separate phone numbers, two different mobile phone network service providers and thus obtain two SIM (Subscriber Identification Module) cards.

With these two SIM cards, you can use all the features of your phone. The SIM cards save the parameters required for communications and personal information, including PIN (Personal Identification Number), address book, messages and other system services additional.

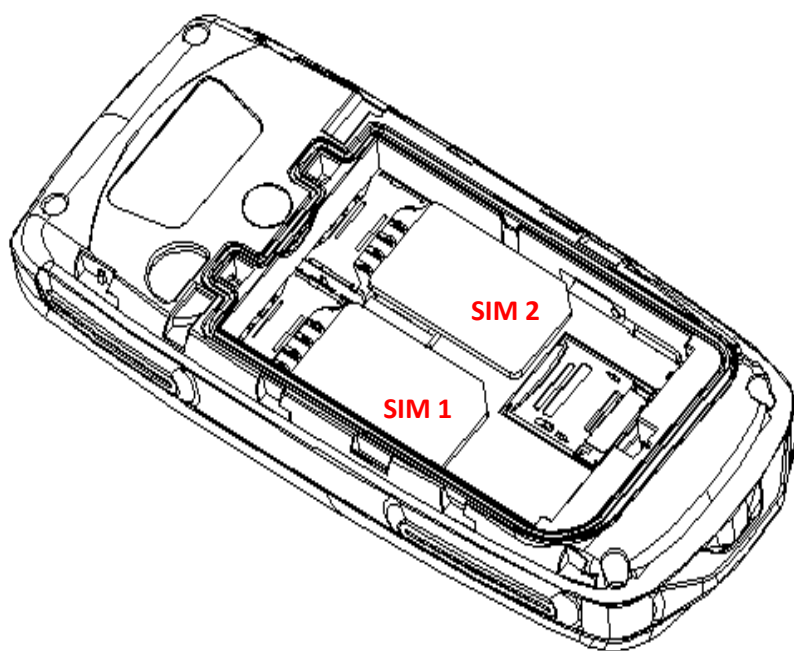
Warning: do not deform or scratch the SIM cards nor let it contact static, dust or moisture. If it is lost, please immediately contact your network operator for help.

Before SIM card installation, please switch off the mobile phone. The SIM cards must be inserted in the back of the phone, after removing the battery. Insert the SIM cards in their slots with the gold contacts facing down and the notched corner facing outwards. Insert the main SIM card in the **SIM1 slot** and secondary SIM card 2 in the **SIM2 slot**. See the diagram below.

Note: if a SIM card is inserted into the SIM1 slot only, then only the host works; likely, if a SIM card is inserted into the SIM2 slot only, then only the slave works. When two SIM cards are inserted into the SIM1 slot and SIM2 slot respectively, you can choose work mode freely as you wish.

Note: as the SIM card is small object, keep it out of children's touch or prevent children gulping it!

SIM cards insertion diagram



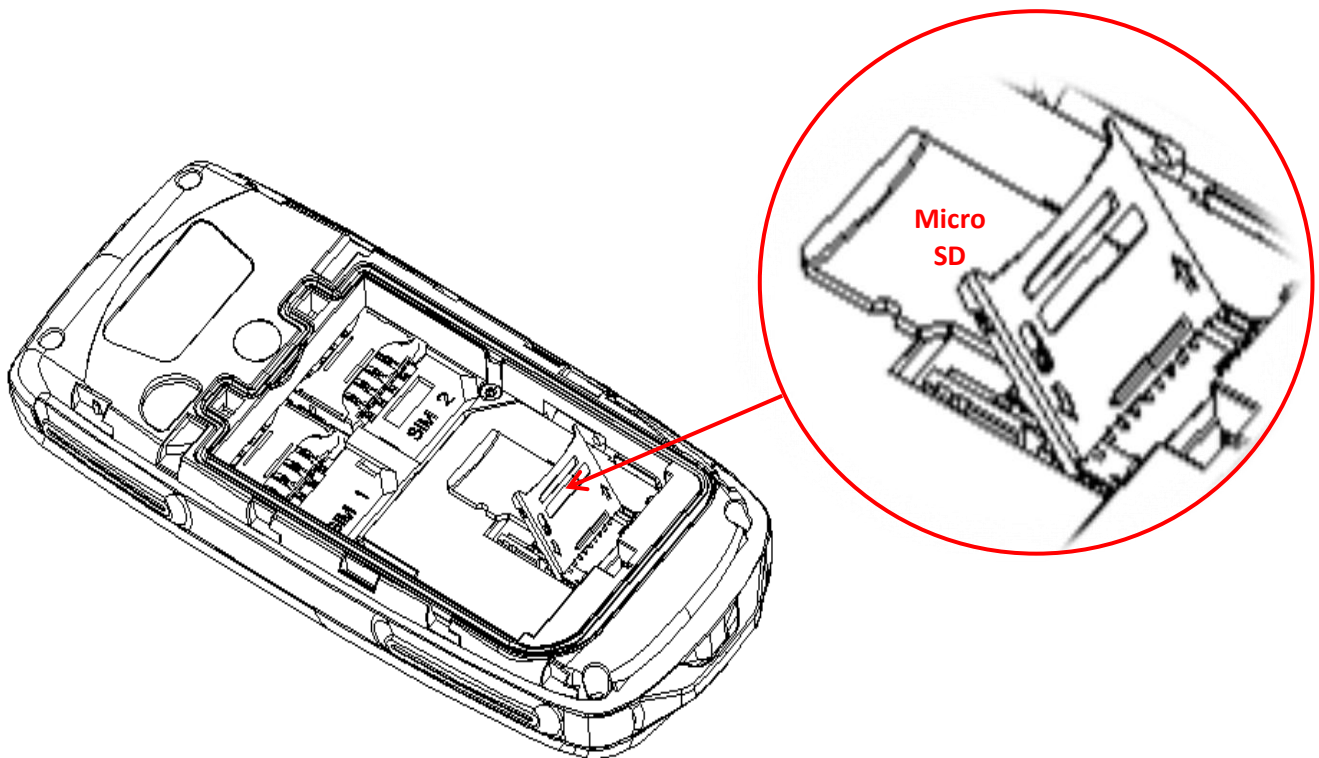
Memory card Installation

Installing a Memory card to expand your storage capacity

The MicroSD card must be inserted, as for the SIM cards, into the back side of the phone, after powering it off and removing the battery. A dedicated slot for the memory card is placed right in front of the SIM cards. Unlock the slot clap by pushing it towards "Open", then open it and fit the memory card into position, with the golden contacts facing downwards. Then close and lock the clap by pushing it towards "Lock".

Note: as the T-FLASH card is small object, keep it out of children's touch or prevent children gulping it!

SD card memory insertion diagram

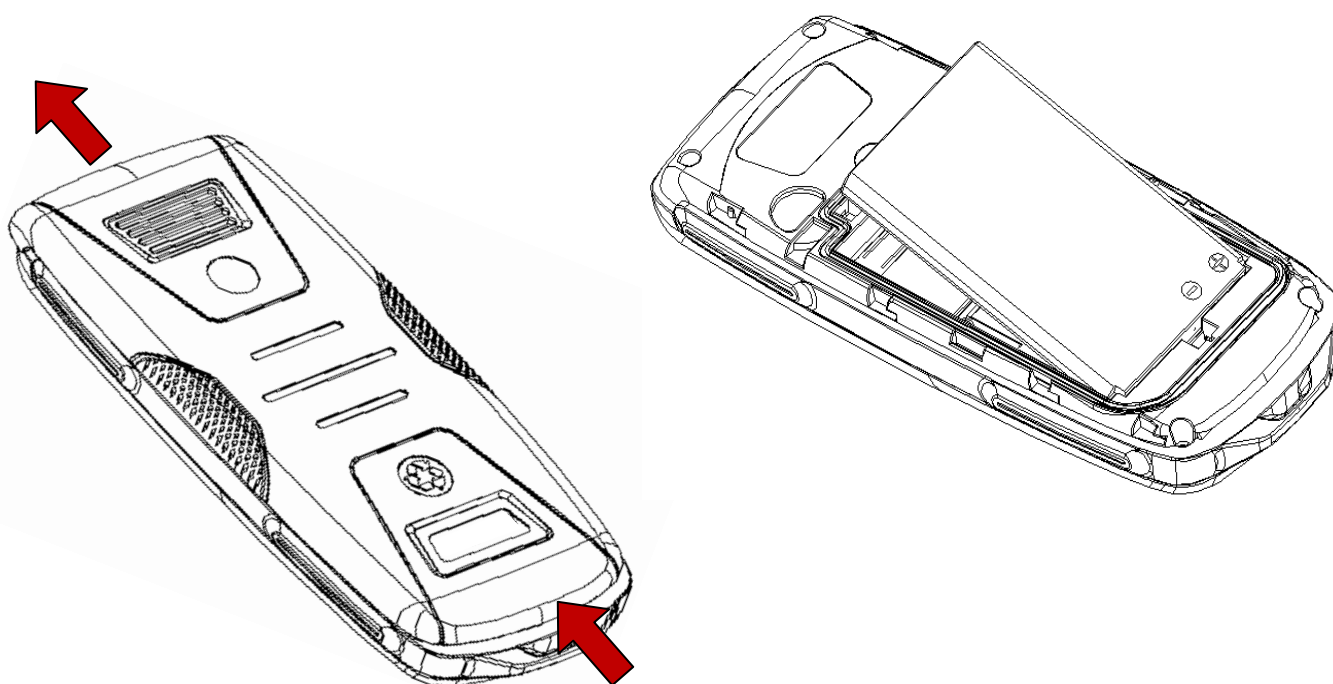


Battery Installation

Installing/removing the battery

Your device is provided with a lithium-ion battery and is designed to be used exclusively with original NGM batteries and chargers. The battery must be inserted into the backside of the phone. Align the battery contacts with the phone contacts inside the battery tray, and let it slide down into position.

Battery insertion diagram



Once the battery is inserted, close the rear cover by gently pushing it back into position.

Battery Charging

Charging/recharging the battery

Please charge completely the battery before starting to use the device. The new battery cannot reach the optimal efficiency unless it has undergone several continuous complete charges and discharges. Use the USB cable provided, and connect it one end to the USB connector placed on the left side of the phone, and the other end to the wall socket adaptor. When the battery is used up, charge it in time. Over-discharge can damage the battery.

After the battery is charged full, cut off the connection of charger with the AC power supply and the connection with the mobile phone.

When battery is charging, an animated icon on screen will show the charging progress. Once the progress bar is completed phone can be disconnected from the grid.

***Note:** Use only the provided USB cable for recharging the device. Charge the battery indoors in a dry and favourable environment. It's normal for the battery to get slightly warm during the charging process.*

***Warning:** use only original accessories to charge the battery. The use of other accessories may damage your mobile phone and cause risks!*

Notices on using the battery

Precautions for charging battery

The performance of the battery is affected by many factors, including radio barrier network settings, signal strength, signal strength, work temperature, chosen and used functions or settings as well as phone accessories, tones, data or other applications.

For optimal performances, please follow the rules below:

- New battery or the battery having been idle for long need charging for long. The standard voltage scope for the battery is 3.6V-4.2V.
- During charging, keep the battery at room temperature or similar temperature.
- With time passing by, the battery will gradually be worn and thus need longer time to charge. This is normal. However, after normal charging, if call duration decreases but charging time increases, you need to buy another battery from the original manufacturer or authorized by the original manufacturer. The battery of inferior quality can damage your mobile phone and cause danger!
- If the phone is overused at low battery when charging, there might need a longer time for the charge indicator to be shown on the screen.

***Note:** please dispose the battery according to the local regulations. Try to recycle the battery as possible. Do not treat the waste battery as common waste.*

***Warning:** do not throw the battery into fire so as to prevent fire hazard. The broken battery may cause explosion.*

Warning

Charging the mobile phone by improper means can cause to explosion. Always refer to the related regulations for the disposal of the battery.

PIN codes

PIN and PUK codes

PIN1 Code: it is the personal identification number used to enter SIM and able to prevent others using SIM1 without permission. If the mobile phone has activated the PIN1 code protection, when the mobile phone is switched on, the screen will display "Input PIN". In the process of inputting PIN1 code, the screen will use "*" to represent the input content. While obtaining SIM, you can obtain its PIN1 code.

PIN2 Code: it is the personal identification number used for some special functions.

PUK Code and **PUK2 Code** (8 digits): to change the locked PIN code, you need to use PUK (Personal Unblocking Key) code. To change the locked PIN2 code, you need to use PUK2 code. If these two codes are not provided together with the SIM cards, ask the local service provider for them.

Warning: if you input the wrong PIN code for three times continuously, the SIM card will be locked. Please contact the network operator immediately for help. Attempt to unlock the code may make the SIM card ineffective forever!

General instructions

Send Keys

SIM 1 and SIM 2 Send keys

Use these keys to make a call (after dialing the number, or after selecting an entry from the Phonebook) **via SIM1** or **via SIM2**. In standby mode, pressing one of these keys will bring up the recent call history (SIM1 and SIM2 can support up to 20 voices, including Missed calls, Dialed calls and Received calls). Select a contact from the list and press again SIM1 or SIM2 Send keys to call the number.

End key and Back key

Power on/off, end a call, go back...

In call mode, **End** key will end the current call; in other situations, it will exit the current menu and return to idle mode. Pressing the key for 4~5 seconds will switch on or switch off the mobile.

The **Back** key will exit the current menu or sub-menu and return to the previous screen; when inserting text, this key will delete the character to the left of the cursor.

Standard keyboard

Standard keyboard: numbers, letters and symbols

The phone features a standard modern telephone keypad, with numeric keys **0-9 (A-Z)**, * key and # key, total 12 keys.

These keys are used to input numbers, passwords, letters and symbols when writing messages, or to choose menu options.

In different mode or different menus, "*" key and "# " key have different functions.

- Pressing "#" for some seconds will activate/deactivate the vibration mode.
-

FM Radio keys

Using the keys when listening to FM radio

- **OK key**: in FM radio mode, press this key to turn on/off the FM radio.

- **Navigation keys** (left/right): to start a manual search for radio stations, scrolling the frequency up and down slowly. You can fine tune the radio frequency by +0.1 MHz. or by -0.1 MHz using these keys.

- **Navigation keys** (up/down): to enable/disable the automatic tuning (up), and to start/stop a recording (down).

■ **Numeric keys** (1-9): if pressed briefly, these keys call up the corresponding channels, previously saved in the channels list; if pressed for a few seconds, they tune the current radio frequency in the corresponding channel.

Keypad lock

How to lock the keypad

In idle mode, just press the **OK** keys for some seconds: the keypad will be locked. Press the SIM1 send key, then "*" key to unlock.

If you want to set up an auto-lock, select Menu, then choose **SETTINGS > Security Settings > Auto Keypad lock**, then select the desired time; after the phone is idle for the selected time period, the keypad become locked.

When the keypad is locked, it's possible to answer a phone call just pressing the **OK** key; after the call is ended, the keypad will be locked again. You can also lock the keyboard on demand, pressing the **OK** key for some seconds from the standby mode; insert the password ("1122" by default) to unlock.

Standby screen



Menu and Input language

Select a Language

Italian is the language by default and as input mode. For different areas, there are 4 languages available (English, French, Spanish, German) with the corresponding input modes.

How to change the menu language: select **Settings > Phone settings > Language > [select a language]**.

How to change the input language: select **Settings > Phone settings > Writing language > [select a language]**.

Incoming call hints

Choose the type of alert for incoming calls

The mobile phone is inbuilt with vibration motor and buzzer and provides several incoming call modes:

- **Ring only**
- **Vibrate only**
- **Vibrate and ring**
- **Vibrate then ring**

In order to change the alert mode, select: **SETTINGS > User profiles > [Selected profile] > Options > Customize > Alert type**.

In idle mode, press and hold the **#** key to quickly turn on **Vibrate** mode and to turn off the ringer. By pressing and holding the same key again, the previous user profile will be restored.

Services

The SIM Tool Kit

Services are provided with SIM Tool Kit (**STK**), that you can access from: **Connectivity > STK**. The mobile phone support service function. The detailed menu items depend on SIM card and the network. When the network provides such function and your SIM card supports such function, the **STK** menu will be automatically displayed between the services of the mobile phone.

Caller groups

Managing caller groups

The caller groups in the mobile phone include various contacts sharing common characteristics and features (i.e. family, friends, work colleagues, etc.). You can set different ringtones and pictures for each caller group.

To select a group, choose: **Phonebook > (Options) > Settings > Caller groups > (selected group)**. After selecting the group, choose **Add** to view the number list and add the contact to the group.

You can edit and rename each group, selecting it and then using the option **Group settings**.

Note: you can add to the group phone contacts only – not SIM contacts.

Basic operations

Switch On

Turn your cell phone on

Press the **Switch-on/off (End)** key to start the mobile phone. From **Main menu** screen, enter **SETTINGS > Dual SIM settings** menu to set phone modes, including **Dual SIM open, Only SIM1 open, Only SIM2 open** and **Flight Mode**. The defaulted one is **Dual SIM open**.

After inserting SIM card, the mobile phone will automatically check the SIM card availability, and then it will be show the following informations on the display by sequence:

1. **"Input phone password"**— if you have set the password.
2. **"Input PIN"** — if you set SIM card password.
3. **"No service"**— indicates failure to register; the phone cannot make any calls.
4. **"Emergency calls only"**— indicates that the phone has registered to other network and can only make call to 112.
5. **"Searching"**— the mobile phone is searching an appropriate network.
6. **"Operator name"**— indicates network successfully registered.

Note: if you do not know your PIN code, please contact the network service provider. The mobile default password code is "1122".

Switch Off

Turn your cell phone off

To switch off the mobile phone, press the **End** key. When the screen displays the switch-off animation, the host and the slave SIM will be off at the same time. Do not take out the battery to switch off the mobile phone. If so, the SIM card can be easily damaged and some data will be lost.

How to make a call

Enter a number or search for it in the Phone book and in a Call log

- From the idle screen, you can enter phone numbers using the standard keyboard (if wrong characters are input, press the **Back** key to delete them). In **Dual SIM** state, you can choose to dial a call via SIM1 or SIM2 (**Send1** and **Send2** keys, respectively). To end a call, press the **End** key; to cancel a dial, press the **Back** key or the **End** key. After the call is connected, you can see the call timer on the screen. If your dialled number is saved in mobile phone memory, the contact name will be displayed on screen.
 - Dial a call via Phonebook: enter the **Phonebook** menu and search the desired name/phone number, and then press **Send** keys to dial.
 - Redial latest dialed number: in standby state, press **Dial** keys (**SIM1** or **SIM2**) to view the list of the latest dialed 20 phone number or names of each SIM card. The call history gathers all the calls as **Dialed calls**, **Received calls** and **Missed calls** (distinguished by different icons). Browse the list using the **navigation key** until you find the desired number; press SIM1 or SIM2 key to call it back.
-

Adjust receiver volume

How to Adjust the Receiver Volume

When speaking to someone, press the keys corresponding to "*" and "#" to adjust the receiver volume.

Answer a call

Answering a Call with different options

When there is an incoming call, you will be alerted with ring, vibration, vibration and ring, or vibration then ring, according to the settings of the mobile phone.

To receive a call, press **OK** key. If you prefer to use whatever key to answer, you can select: **SETTINGS > User profiles > (Profile options) > Customize > Answer mode > Any key**.

To refuse a call, press the **End** key directly.

If the CLI (Call Line Identity) is opened, the phone number of the caller will be shown on the screen. If this number has been saved in the phonebook, the name corresponding to this number will be displayed on the screen. Pressing the **SIM1 Send Key**, you will access an **Options** screen, where you are allowed to put on hold the current call, connect to another incoming call, record a call, enable the background sounds (to recreate the realistic ambient sounds during a particular call, i.e. "platform", "airport", "station", "restaurant" and other user-recordable sounds).

DTMF tones

Sending DTMF tones

With this option enabled, when calling up a voice mailbox or another automated phone system press the desired number key and the "*" and "#" keys to send DTMF (Dual Tone Multi-Frequency) tones, in order to access options or extension numbers.

Fast SMS reading

Read or reply an SMS message immediately

When the user receives some new SMS, the screen will display an icon of unread SMS. Press **Read** to enter and read the SMS. The SIM card 1 unread SMS icon is marked with "1" and SIM card 2 unread SMS icon is marked with "2".

Missed calls

To consult missed calls

When there is a missed call incoming, the screen will display a missed call icon (separately for each SIM card). Press **SIM1 Send** key to enter and read details about the missed calls.

Answering machine

Using the telephone Answering machine

The telephone answering machine is a device designed to record audio messages directly on its local memory without connecting to a server to listen the recordings, thus avoiding the relative charges. Moreover, you can customize your answering machine message, using the phone's microphone. The answering machine will turn on after a preset number of rings, or can be operated manually as answer option. You will be notified with an icon (separately for SIM1 and SIM2) when you got messages left on your answering machine. If you want to listen to messages, select **NGM special functions > Answering machine > Recorded messages**.

Menu functions

Main menu

What you find in the menu

From the idle screen, select **OK** key and access the following screen.



Call center

Exploring the call history

Call lists SIM 1 and SIM 2

In dual-SIM mode, you can separately search the call register of SIM1 and SIM2 and set separately some operations corresponding to SIM1 and SIM2. In mono-SIM standby mode, you can set the available SIM card and see its call register. Call history is shown as three separated lists: **Dialed calls**, **Received calls** and **Missed calls**. Browse the lists using the **navigation keys** (up/down); when you find the desired number, press SIM1 or SIM2 key to call it back.

Available options for each call in the lists:

1. **View**: view the call details
2. **Call**: call the selected number
3. **Send message**: send a text message or a MMS to the caller
4. **Save to Phonebook**: save the caller's number in your phone book
5. **Add to Black List**: add the caller's number to the Black List (calls or SMS), selectively for SIM1 and SIM2; see **NGM special functions** paragraph.
6. **Add to White List**: add the caller's number to the White List (calls or SMS), selectively for SIM1 and SIM2; see **NGM special functions** paragraph.
7. **Edit and call**: edit the selected number before calling.
8. **Delete**: delete the call from the list.
9. **Delete all**: delete all the calls from the list.
10. **Advanced**:
 - **Call timers (separately for each SIM)**
 - **Last call**: with this function, you can view the last call duration.
 - **Dialed calls**: with this function, you can view the global duration of all dialed calls.
 - **Received calls**: with this function, you can view the global duration of all received calls
 - **Reset all**: with this function, you can clear all your call duration records.

- **Call cost (separately for each SIM)**

This function needs the support of the network service provider.

- **Last Call Cost** : with this function, you can view the last call cost..
- **Total Cost**: with this function, you can view the global cost of all dialed calls.
- **Reset cost**: with this function, you can clear all your call cost records.
- **Max Cost**: with this function, you can limit call costs in the specified pricing unit or currency unit. PIN2 code must be input to set call cost.
- **Price per unit**: this function needs network support. For more details, please consult the network operator.

Note: real call's duration and time/cost counting for billing purpose on the network operator side may differ: this can be attributed to network functions, bill rounding, taxes, etc.

- **Text message counter**

With this function, you can view the number of **sent** messages and **received** messages, separately for each SIM.

- **GPRS counter (separately for each SIM)**

- **Last sent**: you are able to view traffic sent in the last GPRS connection.

- **Last received:** you are able to view traffic received in the last GPRS connection.
- **All sent:** you are able to view global traffic sent.
- **All received:** you are able to view global traffic received.
- **Reset counter:** you can clear all your traffic data records.

Call settings

In dual-SIM mode, you can maintain separate **Settings** for SIM1 and SIM2.

■ **Caller ID:** you can choose ID as set by Network, Hide ID or Send ID

- **Set by network:** while in conversation, you can send your Caller ID in the form preset by the system.
- **Hide ID:** while in conversation, you will not send your Caller ID. If the system does not support such function, call may fail.
- **Send ID:** while in conversation, you can send your Caller ID to the system

Note: this function requires network support.

■ **Call Waiting:** you can freely choose to turn On or Off this function. The call hold cannot be active unless this function is activated. This function requires network support.

■ **Call Divert:** this kind of function cannot be used unless you apply to the network operator for it. With this function, you can divert calls meeting the following conditions to another number:

Condition	Description
Divert all voice calls	The network will divert all voice calls without conditions.
Divert if unreachable	When the network cannot find your mobile phone (switched-off or out of the service area), it will divert the calls.
Divert if no answer	When the mobile phone does not answer the call, the network will automatically divert it.
Divert if busy	When you already are in a conversation, the network will divert the call.
Divert All Data Calls	The network will divert all data calls without conditions.
Cancel All Diverts	Cancel all divert conditions.

■ **Call Barring:** enable/disable block on outgoing calls (all, only international calls, international calls except to home) and/or incoming calls (all or when in roaming). These options require a password (1122 as default), freely modifiable by user.

■ Advanced settings:

- **Auto redial:** you can set this function as On or Off. After the first automatic redial fails, you can have at most ten times to connect a phone number.

- **Call time display:** the phone screen can display the talking time of your current call.
- **Call time reminder:** the phone has time reminder: you can set a sound warning at any time you like or at any time interval (between 30-60 seconds)..
- **Reject by SMS:** you can automatically reject a call by SMS, using a predefined message to select in **Message > Templates**.
- **Connect notice:** this option allows to get an advice when the connection is established.
- **Answer mode:** this option allows to answer a call by pressing any key, or to enable the Auto answer when in headset mode.

Phonebook

Organize all your contacts in the Phonebook

Contacts can be saved to the SIM card or phone memory. Use **Add new entry** option to add a new contact to your phone book. The phone book will show all the contacts from the SIM cards and phone. Only two details can be saved to a SIM card, name and phone number. More details can be stored in the phone memory, including multiple phone numbers, email address, pictures, and ring tones.

The phone stores up to 1000 entries; the SIM cards store an additional 250 entries each.

You can open the Phonebook using the icon in the main menu, or pressing the **Back** key on the idle screen.

■ Available options for the contacts (press **OK** key after selecting the contact from the list):

1) View

Display the contact name, the number, and other details.

2) Send message

Send a SMS or a MMS to the selected contact.

3) Edit

Edit the details of the selected contact.

4) Delete

Delete the selected contact from the list.

5) Copy

Copy the selected contact from a memory to another (phone, SIM card, memory card); moreover, you can copy that same contact in a file (.vcf format) and save it in a location of your choice.

6) Move

Move the selected contact from a memory to another (phone, SIM card, memory card).

7) Add to Black List

Add the contact to the Black List (calls or SMS), selectively for SIM1 and SIM2; see **NGM special functions** paragraph.

8) Add to White List

Add the contact to the White List (calls or SMS), selectively for SIM1 and SIM2; see **NGM special functions** paragraph.

9) Mark several

You can select more than one contact at a time to speed up the operations on the phone book.

10) Send contact

Send the **vCard** of the selected contact as text message, as multimedia message or via Bluetooth.

11) Settings

Available options for the Phone book:

- **Name filter:** you can select which list to display (SIM1, SIM2, phone, memory card and all the possible combinations).
- **Caller groups:** you can organize your contacts into caller groups such as **Family, Friends, Business**, etc. and customize the attributes for each group. You can choose a name, a ring tone and a picture for each group (**Group settings**). Only contacts from the phone memory can be added to caller groups.
- **Speed dial:** you can toggle this option on and off; it allows to assign a phone number to each numeric key (2-9) for speed dials.
- **vCard version:** you can choose between version 2.1 and version 3.0 of the vCard.
- **Import contacts:** you can import all the files previously saved on a memory card (a backup copy, for instance).
- **Delete duplicated contacts:** you can swiftly delete all the duplicated contacts.
- **Extra numbers:** you can view (separately for SIM1 and SIM2) some particular numbers as service numbers and SOS numbers. You can also edit your own number.
- **Memory status:** you can display the current status of the phone book memory, the memory available on SIM1 and SIM2, and also the memory card. The display format for the memory usage is "used/total".

Multimedia

Multimedia, how funny is that!

Camera

Use the inbuilt camera to take your photos. The camera lens is on the back side of the phone and the LCD screen acts as a viewfinder. Press the **OK** key to take a picture. The photos shall be saved in a JPG file format. Some software could be necessary to view the photos, if you download your camera phone pictures onto the computer.

If there is not enough space on the drive to store the images, it should be necessary to remove some old pictures (or any other type of files) from "**File manager**" menu to free up disk space.

Once activated, the **Camera** screen will offer the following options (use the **SIM1 Key** to get access to Options):

Option	Description
Photos	Switch swiftly to Image viewer.
Camera settings	EV: from -2 to +2
	Anti-flicker: 50Hz (preset) or 60Hz.
	Delay timer: 5 seconds, 10 seconds, 15 seconds or Off.
Image settings	Image size : 128x104, 128x160, or 352x288
	Image quality : Fine, Good, Normal.
White balance	Automatic, Daylight, Fluorescence or Incandescence.

Scene mode	Automatic or Night.
Storage	Phone or Memory card.
Restore default settings	Restore the camera to factory settings.

Image viewer

Use this menu to view an image file previously saved in phone or memory card. This application supports JPG picture format.

Available options:

Option	Description
View	View the selected picture.
Browser style	Show the pictures as list or as matrix.
Send	Send the file as MMS or via Bluetooth.
Use as	Use the selected picture as wallpaper, as screen saver, or caller picture.
Rename	Rename the selected picture.
Delete	Delete the selected picture.
Sort by	Sort the images by name, type, time or size.
Delete all files	Delete all the image files from the chosen storage location.
Storage	Phone or Memory card.

You can access **Image viewer** also through the option **Switch to Image viewer** in the **Camera** screen.

Music (Audio Player)

Use this menu to play/open audio files currently stored on phone or on memory card. Audio Player supports MIDI, WAV, AMR and MP3 formats. To download files from your PC, it's necessary to pull out the memory card from the phone, and connect it to the PC by using a card reader device; the computer will detect the mobile phone automatically as a Mass Storage device. If the operating system of your PC is Windows 2000 or later, any driver is required.

Select **Options** to access the following **Settings**:

Option	Description
Play	Play the selected file.
Details	View size, time, title, artist, album, genre, year of the selected file.
Add to ringtones	Add the selected file to the ringtones' list.

Refresh list	Update the songs' list with the last changes made to the folder contents.
Settings	You can select the storage position, enable/disable automatic list update, repeat, shuffle, background play.

From **Audio player** main screen, you can access the most common operations by using the **navigation keys** and **OK**. Use * e # keys to adjust the player's volume.

Sound recorder

Use this menu to start a new audio recording and play audio files previously saved in phone or memory card. From the file list, select **Options** to get the following operations:

- **Play**: play the selected file.
- **Append**: combine two recorded files into one single file (only for files recorded in AMR format).
- **Rename**: rename the selected file.
- **Delete**: delete the selected file.
- **Delete all files**: delete all the audio files from the chosen storage location.
- **Use as**: use the selected recorded file, inserting it in the list of audio files available for **User's profiles**.
- **Send**: send the file as MMS or via Bluetooth.

Choosing **Settings** from Sound recorder **Options**, you can select the storage path for the recorded files (Phone or Memory card); the recording formats are AMR and WAV. It's also possible to choose the recording quality (High or Low).

FM Radio

The phone includes a built-in FM radio. The earphones are required to listen to FM Radio: insert first the earphones jack in the socket on the right side of the phone. The earphones cable acts as antenna, so let it hang free from the connector. It is possible to make/receive a telephone call when you are listening to the radio. When the conversation is rolling along, radio will automatically switch to silent mode. If some application is currently using GPRS or CSD to send/receive data, there could be interference with radio signal. After starting FM radio, the phone will show number, name (if already saved), and frequency of the radio channel. If you already saved some radio channels into the phone, you can select the desired channel or press any numerical key (1 to 9) to choose the corresponding channel.

Options

- **Channel list**: save up to 30 radio channels (the first 9 can be directly recalled from the keyboard).
- **Manual input**: insert here directly a specific radio frequency . The frequency range of FM (frequency modulation) radio is 87.5 MHz to 108 MHz.
- **Auto search**: start an automatic search and save the frequency in the Channel list.
- **Settings**: enable/disable Background play, enable/disable loudspeaker, choose a recording format, choose audio quality and select the storage path for the recordings.
- **Record**: record an audio file from a radio program.
- **Append**: combine two recorded files into one single file (only for files recorded in AMR format).
- **File list**: view the recorded audio files.

FM Radio screen allows you to access to the most common operations through **navigation keys** and **OK key**. OK key turns on/off the radio; the navigation keys allows to enable the automatic tuning (up), start/stop a recording (down), jump to the next/previous station (in automatic tuning) or to do a manual tuning ($\pm 0,1$ Mhz with each step).

Scheduled FM recording

This feature allows to schedule up to four FM radio recordings. If enabled, you will be allowed to schedule date and time of the radio show recording, the frequency with which to repeat regularly the recording, the channel, and finally file format, quality, storage path and eventual appending of the recording.

Organizer

Organizer: easily managing your tasks and projects

Organizer gathers several homogeneous features: **Calendar**, **Tasks**, **Alarm**, **File Manager** and **World clock**.

Calendar

With this function, you can set the alarm clock to keep track of your schedule and record your monthly schedule. Roll the highlight block to the desired date and then the current date will be highlighted in blue. To view all memos of one day, press OK and see the schedule.

Available options:

- **View**: you can view the schedule of the date where the cursor is on, and set the time, date, content and whether to activate alarm on this schedule of today's. When editing the schedule, you can choose an alarm type with the left and right direction keys. In addition, you can have such operations as Delete, Delete and Add on the schedule.
 - **View all**: you can view the entire schedule of the date where the cursor is on and set the time, date, content and whether to activate alarm on this schedule. The options available are the same as the previous feature.
 - **Add event**: you can select the type of task to memorize (Reminder, Meeting, Course) and set start/end date and hour, subject of the task, activate/deactivate alarm, set the frequency for repeating, location and priority.
 - **Delete event**: you can delete the selected task.
 - **Jump to date**: you can move the cursor to the specified date on the calendar.
 - **Go to today**: jump swiftly to the current date.
 - **Go to weekly/monthly view**: change the way the time is displayed on the calendar.
-

Tasks

With this option, you can quickly add and update tasks or memos for various events.

For each task it's possible to set date and hour, an alarm and its eventual repetition (if the event is a repeating event), location and priority.

If you have set an alarm for the memo, when the set time is reached, the mobile phone will ring and display the memo content.

Alarm

The time format for the alarm clock is identical to that of clock. When the mobile phone is off, the alarm clock can still work provided the battery is sufficient. The system has set 5 alarm clock options and the defaulted is off. You

can activate one option or all options according to the actual demand. Every alarm clock option can set independent time and date. When the time is reached, the mobile phone will give out alert tone and flicker the current time on the screen. Press **Stop** to stop alarm clock; press **Snooze**, then the mobile phone will pause ringing and continue after a given time period.

If alarm time is reached but the mobile phone is switched off, then the mobile phone will be switch on automatically and ring. If **Stop** is pressed, then the mobile phone will ask you whether to switch on the mobile phone. Press "No" to switch off the mobile phone and "Yes" to register at the network and switch on the mobile phone.

File manager

From this menu you can manage photos, MP3s, games, videos, ebooks, folders, etc. You first need to select the storage location:

[Phone] - the storage location is the phone's memory.

[Memory Card] - the storage location is the T-flash card.

For each **storage path**, the available options are:

- **Open**: view the root directory.
- **Format**: formatting will remove all the data from memory card or phone, including the folders created by user. After formatting, you'll need to reboot the phone; **Audio** and **Images** folders will be automatically restored, and the folder **Photos** will be automatically created after the first shot.
- **Rename**: this option is not available for the phone; it allows to rename the memory card in use.
- **Details**: this option is not available for the phone; it displays the free space and the total capacity of the memory card in use.

From **root directory** of each storage path, the available options are:

- **Open**: open folder (Video, Audio, Music, Photos, Received, etc.)
- **New folder**: create a new folder in the root directory.
- **Rename**: rename an existing folder.
- **Delete**: delete an existing folder.
- **Sort by**: sort the folders by Name, Type, Time or Size, or let them unsorted.

Inside any **folder**, the files options available are the same described in the paragraphs dedicated to the multimedia applications (**Camera**, **Video player**, **Music**, **Ebook reader**, etc.- see **Fun module-menu**), plus the following ones:

- **New folder**: create a new sub-folder.
- **Rename**: rename a file in the list.
- **Delete**: delete a file in the list.
- **Sort by**: sort the files by Name, Type, Time or Size, or let them unsorted
- **Mark several**: to select a list of files at one time.
- **Copy**: copy the file(s) in another folder.
- **Move**: move the file(s) in another folder.
- **Delete all files**: delete all the files in the current folder.
- **Details**: view the details of the selected file (date, size, copyright).

These options are available in all the folders, including user created folders.

World Clock

World Clock allows you to keep track of current time for major cities and time zones on a real world map. Press the navigation keys **left/right** to move your cursor across the map to highlight individual time zones. It's also available an option to enable/disable the daylight saving time for a foreign city.

Messaging

Communicate effectively through messages

SMS

Both SIM cards are able to send and receive SMS. When an SMS message is sent from a mobile phone, it will reach an SMS center first. The SMS center then forwards the SMS message towards the destination. If the recipient is unavailable (for example, when the mobile phone is switched off), the SMS center will store the SMS message. It will forward the SMS message when the recipient is available. The storage duration of the message depends on sender's settings and network operator's policy.

Sending and receiving text messages can become costly depending upon the text message plan you have with your provider. Please contact your service provider/network operator for further details.

If SMS storage capability is exhausted, a SMS icon will flash in standby screen. Unnecessary SMS storage can affect the reception of new SMS; please delete older messages to prevent such problems.

When a message has been received, you will get an SMS notification message (if the option has been previously selected).

***Note:** when sending SMS, the phone will usually show the "Message sent" notification. This means that the SMS has been sent to the SMS Center, but the message could anyway not be received by recipients. Please contact your service provider/network operator for further details.*

MMS

MMS is a standard way to send messages that include multimedia content (short video clips, photos and audio). If MMS is over the size limit, the phone won't display the message. The phone will automatically resize the images attached to the MMS, so that they can be fully shown on the screen.

The visualization of each single MMS depends heavily upon the receiving devices.

***Note:** you can't send or receive multimedia content if your network operator/service provider does not support this service. Multimedia content can't be received or shown if the recipient doesn't have a MMS-compatible cell phone.*

Write message

Select this option to write a new text message or a multimedia message. This device implements the XT9 input mode, an advanced predictive text method for quickening and simplifying the whole message writing process. Each SMS can contain at most 160 characters; by linking two or more messages together (up to a maximum of 8, after that the message is automatically converted in MMS) you can build a combined message (up to a maximum of 1140 characters). Press the **#** key to change the input method. Press the **"Back"** key to remove the last incorrect character and keep it pressed longer to delete large portions of text.

When the message exceeds 160 characters, it will be automatically broken into multiple parts. You can insert pictures, animations, ringtones, etc. in SMS, that will be automatically converted in MMS. Anyway, the message can't be received or shown if it's not supported by the recipient's phone or by the network.

For sending SMS/MMS, dial the recipient's number or select it from the Phonebook. In Dual-SIM mode, you can choose whether to send SMS/MMS via SIM1 or via SIM2.

Inbox

This submenu shows the list of the messages received.

- **Reply**: reply to the message received.
 - **Forward**: directly forward the message received.
 - **Call**: make a voice call to the message's sender.
 - **Delete**: delete the message received.
 - **Delete all sent by this number**: delete all the messages coming from the same sender.
 - **Delete all**: delete all the messages.
 - **Save to Phonebook**: save the number in the Phonebook.
 - **Sort by**: sort the messages by sender, subject, unread/read, type or size.
 - **Mark several**: mark multiple messages simultaneously.
 - **Mark as unread**: mark the selected message as unread.
-

Drafts

Use the Drafts folder to save messages you're still working on, before you send them. You can send, edit, delete or apply the Advanced options to the messages saved in this folder.

Outbox

When message sending is unsuccessful, the message will be saved in this folder. Anyway, it is possible to directly save the edited SMS in this folder; these messages (not yet sent) will show the field Phone Number as empty. All the messages in the **Outgoing** folder are subject to the usual options: **Resend** (from SIM1 or SIM2), **Edit**, **Delete**, **Delete all**, **Sort by**, **Mark several** and **Move all**.

Sent messages

This submenu shows the list of the sent messages. When sending SMS/MMS you can select the option "**Save and send**"; the message will be saved in the "**Sent**" folder. The available options are the same as for **Inbox**.

Junk box

Unwanted messages are saved into this folder, where you can view them sorted also by contact name or by SIM card of reception.

Leaving messages

Here you can listen to answering machine messages stored in your phone's own internal memory. This feature allows to save money avoiding connection to mobile network operator's voicemail system.

Delete messages

Delete messages globally, or selectively (received, drafts, sent, etc.).

Broadcast message

Activate this function to receive broadcast messages. These messages are sent to every device on a network and usually contain information as weather forecasts, traffic conditions, etc.

Templates

Some ready-to-use templates are available, for various situations (SMS and MMS).

Message settings

Use this submenu for setting text and multimedia message options (separately for SIM1 and SIM2).

- **Profile settings:** set the SMS/MMS Center number before sending and receiving SMS e MMS.
Note: this number is provided by the network operator.
 - **Voicemail server:** set name and number for the voicemail server.
 - **Common settings**
 - **Delivery report:** it is a notification sent to you that lets you know when your text message has been delivered to the recipient, and when.
 - **Reply path:** when the receiver of your SMS responds, it knows what SMS gateway to send the reply back to. This option requires SMS Center support.
 - **Save sent message:** a copy of each message that you send will be saved in the **Outbox** folder.
 - **Memory status:** check here memory capacity on SIM card and Phone, related to the messages.
 - **Preferred storage:** select the storage path for message files (Phone or SIM card).
-

Multimedia message

Available options:

- **Profiles:** select a data account to be used for MMS sending, one for each SIM.
 - **Common settings:** define some parameters describing **Composing** methods (slide time, creation mode, picture resizing, auto signature, etc.), **Sending** (validity period, delivery report, reading report, priority, etc.), **Retrieval** (home network, roaming, filters, delivery report, reading report, etc.) and **Memory status** for MMS.
-

Hint unread message

You can enable/disable the sound to alert you of a new unread message.

Settings

Customizing Phone Settings

1. Dual SIM switch

- **Select with SIM status:** at each start-up, the phone will request which option to load - see **Dual SIM** here below).
 - **Use default mode:** at start-up, the phone will automatically load the last selected option (**Dual SIM**, **Only SIM1 open**, **Only SIM2 open** or **Flight mode** - see **Dual SIM** here below).
-

2. Dual SIM settings

In every moment you can choose the most appropriate setting for your SIM cards according to the situation:

- Dual SIM open
 - Only SIM1 open
 - Only SIM2 open
 - Flight Mode
-

3. User profiles

Your mobile phone is provided with multiple profiles so that you can customize some settings in different cases for different events. Firstly, choose a profile and then activate it. You can have such profiles as **General**, **Meeting**, **Outdoor**, **Indoor**, **Silent**, **Vibration**, **Headset** and **Bluetooth**.

The features of each profile can be edited (**Customize**, OK key) to fit your needs as follows:

- **Tone settings**: you can choose the ring to use for incoming calls (SIM1 and SIM2), power on tone, power off tone, message tone (SIM1 and SIM2) and keypad tone.
- **Volume**: to set the volume of Ring Tone (SIM1 and SIM2).
- **Alert type**: you can choose the current ring mode among Ring only, Vibration only, Vibration and Ring, or Vibration then Ring (separately for SIM1 and SIM2).
- **Ring type**: you can choose the current ring type among Single, Repeat and Ascending (separately for SIM1 and SIM2).
- **Extra tone**: you can enable/disable the Warning, Error, Camp on and Connect tones.
- **Answer mode**: you can enable/disable this option to use whatever key to answer a call.

After customizing the settings, select the profile and choose "OK" to activate.

Note: after inserting headset plug into the matching jack or connecting a Bluetooth device, the mobile phone will automatically change into Headset profile or Bluetooth profile. Unplug the headset or disconnect the device to return to the previous profile.

In idle state, you can press # key to switch to Silent profile and again to the previous profile.

4. Phone settings

Time and date

- **Set home city**: select the town you want to use as reference point.

Note: this option has to be used together with Update with time zone; this update must be permitted by the network operator.

- **Set time/date**: set the current date and time, and enable/disable daylight saving.

*Note: this option must be set correctly if you want to calculate sunrise and sunset (**Sports > Sunrise and sunset**); during Daylight Saving Time, Solar Time must be set and the option **Daylight Saving Time** must be enabled.*

- **Set format**: set the date and time format.

- **Update with time zone**: if enabled, this allows to update the current date and time automatically, according to the time zone you're in.

- **Auto update of date and time**: toggle on/off the automatic update of date and time. This updating doesn't affect alarm clock or calendar. The update must be supported by network operator.

Note: if the battery is removed from the phone, or if the device is not used for a long time, it shall be necessary to set again date and time.

Special note: please disable the updating option in all areas where the use of mobile phones is inhibited.

Schedule power on/off

You can easily make a schedule when your phone will turn on or off (4 different time slots).

Language

You can select the desired language to use in the menu (Italian, English, French, Spanish, German).

Writing language

You can select the desired languages to use for messaging.

Display

■ **Wallpaper:** you can use as wallpaper some system images as well as user defined images (previously saved in Phone or Memory card).

■ **Screen saver:**

- **Settings:** enable/disable the screen saver, and fix the waiting time (5 sec., 15 sec., 30 sec. o 1 minute).
- **Select:** two system screen savers are available as well as a user defined screen saver (previously saved in Phone or Memory card).

■ **Show date and time:** enable/disable date and time display on the screen.

■ **Show owner number:** enable/disable owner number display during calls, separately for both SIM cards.

Greeting text

You can enable/disable the display of a greeting text everytime at startup. The phone lets you customize the greeting text.

Dedicated key

Create keyboard shortcuts for the most commonly used functions, assigning a function to each navigation key (up, down, left, right).

UART settings

Enable the UART settings on one of the two SIM cards.

LCD backlight

Set the LCD backlighting, controlling the **Brightness** and the **Timer** (5 sec. ~ 1 minute).

5. Network settings

■ **Network selection:** for each SIM you can decide between an automatic selection and a manual one.

■ **Preferences:** for each SIM you can browse a list of networks where to register and assign a priority.

Note: order and availability of these options may vary according to network operators.

6. Security settings

SIM1 and SIM2 security settings:

- **SIM lock:** you can set up the SIM card lock on your phone, so that it can't be used without a Personal Identification Number (PIN). When the lock is enabled, you must enter the PIN each time you turn the phone on.
 - **Fixed dial:** when enabled, this option allows you to restrict outgoing calls to a pre-approved list of phone numbers. This option requires support from your network operator.
 - **Change password:** you have the option to change the PIN code and the PIN2 code of each SIM.
-

Phone lock

You can set up the phone lock after digiting the requested password (the default password is "**1122**"). When the lock is enabled, the phone will prompt you for your password before you can make or receive calls. Insert the default password (or a personal one; see below how to change the password) to unlock, and confirm.

Auto keypad lock

You can activate here the Automatic keypad lock. The phone will automatically lock the keypad after a certain time (5, 30, 60 seconds or 5 minutes). Press "**Unlock**" (back key) and then "*" to unlock.

Change Password

You can change here the password for the phone lock (the default password is "**1122**") with another one easier to remember and more secure. The new password has to be between 4-8 digits long.

Privacy firewall

After digiting the phone password (the default password is "**1122**"), you can enable/disable from here the locking on Phonebook, Messages, Call History and File manager.

7. Restore factory settings

Reset your device to the original settings. The password required to perform this operation is "**1122**".

Connectivity

Communication and connectivity through mobile phone

Connection management

This menu shows all the currently active connections.

Bluetooth

The phone supports Bluetooth. Bluetooth is a short-range radio transmission system that is useful for sending data between electronic devices, as cell phones, computers, earphones, car-kits, etc. Bluetooth allows to send photos, video clips, audio files, electronic business cards and reminders. You can also wirelessly connect to your PC and send files or establish a low-speed connection to the Internet.

When a Bluetooth connection is established, the distance between the communicating Bluetooth devices must be usually not more than 10 meters to guarantee optimal performance. In any case, walls and other solid barriers can shield the Bluetooth connection, and other electronic devices can cause interference. In order to verify the full compatibility of this phone with other Bluetooth devices, please check with the device's manufacturer for the latest information. Do not use Bluetooth in the hospitals, on aircrafts, etc.

Bluetooth Menu

Power: turn the Bluetooth power on, before using this function. When not in use, Bluetooth power consumption could be rather high. So, it is advisable to turn off Bluetooth function when you are not using it.

Visibility: when Visibility is on, other Bluetooth devices can detect your phone and its name after starting a search. If the audio player is on, your device will be undetectable.

My device: with this function you can see all the devices that have been paired with the phone in the course of time and their type of connection. The option **Search new device** will start a search for all Bluetooth devices compatible with your phone, and will pair the phone with the selected Bluetooth device. It's obviously possible to cancel the unwanted connections.

Search audio device: with this function you can start a search for all the Bluetooth audio devices compatible with your phone. Then, you can pair the phone with the selected Bluetooth audio device. When searching for Bluetooth devices of another kind, please use the function **Search new device** instead.

My name: you can change the name with which your phone is detected by other Bluetooth device.

Dispositivi associati: con questa funzione, è possibile visualizzare tutti i dispositivi connessi con il telefono (tranne altri telefoni cellulari) e il loro tipo di connessione.

Advanced: when Bluetooth is powered on, this submenu allows to access the following settings:

- **Audio path:** set Audio path (Phone or Bluetooth earphone).
- **Storage:** set storage path for Bluetooth file transfer (Phone or Memory card).
- **Sharing permission:** to access the Bluetooth shared files as read-only or with full control.
- **My address:** view the physical address (**MAC**, Media Access Control) of your device.

Tip: when searching for other Bluetooth devices, make sure that the devices are inside the range reachable by Bluetooth signal. When pairing other devices, it shall be necessary to agree on a password shared with the Bluetooth devices' users. To pair the earphones with your phone, insert its own password.

Data account

■ **GSM data:** you can set the account editing account name, number, user name, password, line type, speed, DNS, etc.

■ **GPRS:** here you can find the most common **GPRS** settings. For each account, you can view, add or edit the following details: account name, APN, user name, password, authentication type, primary DNS and secondary DNS.

Note: please contact your network operator for further details about settings and connection charges. Network services may vary from provider to provider and are subject to change.

STK (SIM Tool Kit)

Services are provided with SIM Tool Kit (STK). The mobile phone support service function. The detailed menu items depend on SIM card and the network. When the network provides such function and your SIM card supports such function, the **STK** menu will be automatically displayed between the services of the mobile phone.

Automatching

This option allows to enable/disable the **Automatching** function for the connection profiles, based on automatic identification of the provider for each SIM card used.

Applications & Games

Utilities and Entertainment Apps for You!

1. Applications

Calculator

- After inserting your first number, use the upper direction key for "+", the lower direction key for "-", the left direction key for "x" and the right direction key for "÷", then insert your second number;
- Press the **Clear** key to clear the latest inputs or results digit by digit; press the **Clear** key long to clear all content or result;
- Press **OK** key to obtain the result.

Note: the precision of this calculator is limited and can be used for simple calculation.

Stopwatch

This function allows you to measure elapsed time. This stopwatch has a centiseconds precision (1/100 second). From the **Stopwatch** interface, select **Start** to launch the measurement; press **OK** key to stop and view the recorded time; use the **Options** to reset or continue the time recording. The option **Lap timing** allows to record lap times and save results. The saved results are accessible through the option **View records**. Select **nWay** stopwatch to take four different records at the same time.

Currency converter

Set first the exchange rate, then press **OK**. The rate will be stored in memory until you will insert a different rate. To convert the currency, insert the amount in **Local** currency, then press **OK** and you'll get the change in **Foreign** currency. When exiting the application, you will be requested if you want to save the rate or not.

Unit converter

This application converts units of weight (Kg>pound, Kg>ounce and viceversa) and lenght (Km>mile, m>yard, m> foot, cm>inch and viceversa).

Ebook reader

After starting the Ebook reader, you will get the list of the available ebooks (Bookshelf). If any ebook is currently available, select **Options** to access sub-menus **Update bookshelf** and **Global settings**.

After uploading some e-books, you can select one from the list, choose **Options** and access sub-menus:

- **Open ebook**: open the selected ebook.
- **Update bookshelf**: update ebooks list after additions and deletions.
- **Global settings**: set font size, enable/disable auto scroll, set scroll speed, enable/disable full screen mode, change the character encoding, set text alignment, select storage path.
- **Book info**: show information about the selected e-book.
- **Delete**: delete the selected ebook.
- **Delete all files**: delete all the e-books in the Bookshelf.
- **Sort by**: sort the ebooks by name, type, time, size, or let them unsorted.
- **Apply global settings**: apply the selected settings.
- **Help**: here you find a brief summary about how to use the shortcuts when reading an e-book.

After opening an ebook, you get the following **Options**:

- **Find/Find next**: search for a word inside the text.
 - **Jump to**: move through texts to locate particular lines.
 - **Go to bookmark**: display a list of bookmarks you have made in the text.
 - **Add Bookmark**: add a bookmark on the current page.
 - **Delete Bookmark**: delete a bookmark on the current page.
 - **Book info**: show information about the current ebook.
 - **Settings**: see the **Global settings** (above).
 - **Apply global settings**: apply the selected settings.
 - **Help**: here you find a brief summary about how to use the shortcuts when reading an e-book.
 - **Close**: close the current ebook.
-

BMI

BMI is a function to calculate your Body Mass Index (BMI) or body mass index. In this way you can make an assessment of your weight.

2. Games

The phone is provided with three games (**Copter**, **Puzzle** and **Robot**). For further details, please refer to the instructions included with the games (**Help**).

Games settings

- **Audio**: toggle the audio on and off.
- **Vibration**: toggle the vibration on and off.
- **Volume**: set the volume level.

NGM special functions

Special Functions: NGM takes care of your privacy

Calls and SMS firewall

Here you can set and enable, separately for each SIM, a Black List and a White List, for Messages as well as for Calls.

A **Black List** of contacts (phone numbers) allows everyone to call you or send messages to you, except for the members of the Black List.

When this access control function is active, a blacklisted caller will just hear busy tone all the time; later, you will get a network SMS alert (if allowed in your network services) informing you about the number of the caller who was trying to contact you.

Messages received from a blacklisted number will be automatically transferred to the **Junkbox** folder.

A **White List** of contacts allows nobody to call you or send messages to you, except for the members of the White List. When this access control function is active, a non-whitelisted caller will just hear busy tone all the time; later, you will get a network SMS alert (if allowed in your network services) informing you about the number of the caller who was trying to contact you.

Messages received from a non-whitelisted number will be automatically transferred to the **Junkbox** folder.

Regardless of White and Black list, you can also block the calls coming from anonymous callers or from callers not stored in the Phonebook.

- **Create a Black/White list for incoming calls**: select the SIM card of your choice, then **"Calls"**, and add the contacts to the Black or White List.
- **Create a Black/White list for incoming messages**: select the SIM card of your choice, then **"SMS"**, and add the contacts to the Black or White List.
- **Enable a Black/White list and the block for anonymous numbers or for numbers not stored in the Phonebook**: select the SIM card of your choice, then select:
 - **Calls > Settings** : here you can enable/disable the firewall and the following firewall combinations : **Black List, White List, Numbers not stored in the Phonebook, Anonymous numbers, Black List + anonymous, Black List + not stored in the Phonebook**. The option **Schedule setting** allows to customize the period of activation of the firewall during the day; **Reject mode** allows to choose between different methods to reject an unwanted call.
 - **SMS > Settings**: here you can enable/disable the firewall and the the following firewall combinations : **Black List, White List, Numbers not stored in the Phonebook, Black List +not stored in the Phonebook**. The option **Schedule setting** allows to customize the period of activation of the firewall during the day; **Garbage** allows to enable/disable the notice (text + sound) for the unwanted messages moved to the **Junkbox**.

Phone control

Phone Control is a function that has been designed to improve mobile device users' privacy and security. It is composed of two applications (**SIM binding** and **Remote Control**), allowing user to manage security in different modes and with varying levels of security strength.

■ SIM binding

The SIM binding function is offered to help end-user to find his phone just in case it has been lost or stolen. The function is based on the binding between SIM card and phone: the device shall be able to recognize when a different SIM card has been inserted in the phone and immediately alert by SMS the 5 trusted numbers previously set by the user.

By activating this option, the phone password will be requested (1122). Please refer to the paragraph "Security settings" in the chapter "Settings" for the instructions on how to modify this password.

Select "**SIM binding**" and choose "**On**" to enable the function. The user must now insert at least one number for SMS notification. From **Phone Control** menu, select "**Trusted Numbers**" and insert up to 5 phone numbers to receive the message.

After completing configuration, at every start-up the phone will check the presence of the SIM cards to which is bound to. If the two SIM cards are inverted or one of them has been removed, the phone shall start regularly. If a not-bound SIM card is inserted on SIM1 or SIM2 slot, the phone shall display the "Input phone password" popup (the default password is **1122**, freely modifiable by user). If the password is correctly inserted, the phone shall start regularly, but a popup should advise the user that the SIM card is changed: "SIM card is changed. Do you want to bind it?" Choosing "Yes", the current SIM cards will be bound replacing the old ones; choosing "No", the old binding will remain active. If the password is wrongly inserted, the phone shall start and provide the "new" user all the functionalities except the "**Phone control**" menu. In the meantime, one alert SMS (- Attention: this phone number is using your mobile phone IMEI: XXXXXXXXXXXXXXX -) shall be sent to all the trusted phone numbers set in the menu from each replaced SIM card. Every time the power on password is wrongly inserted, the phone shall continue to send SMS out. If SIM1 has no money or is out of range, SIM2 shall provide to send alert SMS out. If the SMS is not correctly sent out for any reason, the phone shall attempt to send the SMS out periodically, until the SMS is correctly sent out.

*Note: if **Phone lock** is enabled, this function chronologically comes before SIM binding. This means that even if the SIM binding is activated, it will be unavailable if the wrong password is inserted (because the phone simply won't boot).*

*Tip: to avoid this problem, it's advisable to disable **Phone lock** and enable **Privacy firewall** instead, since this function assures the same high level of security and does not inhibit the use of SIM binding.*

■ Remote control

The Remote control function is offered to provide end-user the possibility to manage some phone functions remotely from another phone able to send SMS out. Using this function, end user can, when he has not the phone with him, forward calls, power the phone off, activate the answering machine.

By activating this option, the phone password will be requested (1122). Please refer to the paragraph "Security settings" in the chapter "Settings" for the instructions on how to modify this password.

Select "**Remote control**" and choose "**On**" to enable the function. The user must now insert at least one number for SMS notification. From **Phone Control** menu, select "**Trusted Numbers**" and insert up to 5 phone numbers to receive the message.

After completing configuration, the phone shall accept remote commands from one of the trusted numbers.

1) Call forwarding

If the user wants to forward all the incoming calls to another number, he can send to METAL SOAP (with remote control enabled) one SMS containing the following text:

***#CALLFWD*#destination number**, where "destination number" is the number where the user wants to receive the forwarded calls.

Example:

- if the METAL SOAP number with remote control enabled is +390000000000;
- if the phone number to remotely control the METAL SOAP is +391111111111 (**trusted number**);
- if the phone number where you want to forward the calls is +392222222222.

The operations sequence shall be:

- a) +391111111111 send one SMS to +390000000000 with the content: ***#CALLFWD*#2222222222**.
- b) +390000000000 receive one SMS from +391111111111 and automatically set the forwarding to +392222222222.
- c) all the incoming calls to +390000000000 shall be forwarded to +392222222222.

Note: the SMS content is "case insensitive", so it may be indifferently written with capital letters, lower-case letters or a combination of the two.

2) **Remote shutdown** (and activate the phone password at power on)

If the user wants to remotely shut down the phone, he can send to METAL SOAP (with remote control enabled) one SMS containing the following text:

***#SHUTDOWN*#**

Example:

- if the METAL SOAP number with remote control enabled is +390000000000;
- if the phone number to remotely control the METAL SOAP is +391111111111 (**trusted number**).

The operations sequence shall be:

- a) +391111111111 send one SMS to +390000000000 with the content: ***#SHUTDOWN*#**.
- b) +390000000000 receive one SMS from +391111111111 and automatically shut down.
- c) the phone password is automatically activated, so that it will require the use of the password at the next start-up. If the password is correctly inserted, the phone shall start regularly, and won't require the use of the password anymore (except for the case of the user that choose this particular setting).

Note: the SMS content is "case insensitive", so it may be indifferently written with capital letters, lower-case letters or a combination of the two.

3) **Activate the answering machine**

If the user wants to record all the incoming calls on the answering machine, he can send to METAL SOAP (with remote control enabled) one SMS containing the following text:

***#ANSW*#**

Example:

- if the METAL SOAP number with remote control enabled is +390000000000;
- if the phone number to remotely control the METAL SOAP is +391111111111 (**trusted number**).

The operations sequence shall be:

- d) +391111111111 send one SMS to +390000000000 with the content: ***#ANSW*#**.
- e) +390000000000 receive one SMS from +391111111111 and automatically activate the answering machine for both the SIM cards.
- f) all the incoming calls on +390000000000 shall be recorded on the answering machine.

Note: the SMS content is "case insensitive", so it may be indifferently written with capital letters, lower-case letters or a combination of the two.

■ **Trusted numbers**

Here you can insert up to 5 numbers to realize SIM binding, remote control, and send GPS position information.

Answering machine

The telephone answering machine is a device designed to record audio messages directly on its local memory without connecting to a server to listen the recordings, thus avoiding the relative charges. Moreover, you can customize your answering machine message, using the phone's microphone. The answering machine will turn on after a preset number of rings, or can be operated manually as answer option. You will be notified with an icon (separately for SIM1 and SIM2) when you got messages left on your answering machine.

Messages

Here you can listen to answering machine messages stored in your phone's own internal memory. This feature allows to save money avoiding connection to mobile network operator's voicemail system.

Settings

Here you can enable/disable the auto-answer, select the storage path for the messages (phone or memory card), set the pickup time (3, 5, 10 or 30 seconds), set the max. record duration (30 seconds, 1 minute, 3 minutes, 5 minutes, or unlimited), select the greeting message (predefined file or user-defined audio), and finally enable remote access to the answering machine through a DTMF compatible phone.

To listen for messages from remote, enable the answering machine as well as **Remote access** in **Settings** menu; you need then a touch-tone telephone to send DTMF. When the voice mail system answers and prompts you to leave a message, then digit “#” and wait until the system prompts you to enter your password (1234 by default).

Note: remote access supports only the listening function.

Background sounds

Background sounds help to recreate the realistic ambient sounds during a particular call (i.e. “platform” “airport”, “station”, “restaurant” and other user-recordable sounds). This option can be selected by default or can be set just in time when there is an incoming call.

You can control the volume level and reproduction mode (once, continuous, interval). The phone includes 10 pre-recorded background sounds; user can add his own sounds in .wav format (8 MHz, 16 bits samples).

SMS delayed sending

You can postpone sending the message, scheduling the sending at a particular date and time. You can also specify multiple recipients, set the repetition of sending, and choose which SIM to use.

Coffer function

Privacy comes first

Insert ***0000#** (default value, freely editable) from call screen and access a private area of your phone, where you will find the following options: **Coffer Phonebook**, **Coffer Messages**, **Coffer Call Log**, **Change Coffer Lock**, **Block Incoming Calls**, and **Password Reminder**.

Coffer function is useful for storing contacts, SMS, call logs, etc., which you prefer to conceal from others.

The Coffer password insertion works only from the standby screen.

The contacts saved in the Coffer and the SMS coming from them as well as the whole call log, will be stored in the coffer only, and no trace of them will be visible outside of it.

The features of Phonebook, SMS, MMS, etc. inside the coffer are quite the same of the corresponding items in the "public area" of your phone.

■ Coffer Phonebook

The Coffer Phonebook stores up to 50 contacts. The contacts may be saved with their real names and real phone number, and, simultaneously, with nicknames and fake numbers. When receiving a call from a number inserted in this area, the phone will display the nickname of the caller, and his/her fake number.

○ Quick search

Display all the contact stored in the Phonebook. Selecting a contact you can open the **Options**: Send SMS, Call, View, Edit, Delete, Delete all, Save. Saving a contact equals to moving it into the Phonebook out of the Coffer.

If the contact has a fake name or a fake number, they will be shown on the screen.

○ Add entry

Here you can add name, number, nickname or fake number. The contacts can be added manually, or retrieving them from the "public" Phonebook

Note: if a fake name/fake number has been set up, it will be displayed for incoming calls, outgoing calls and SMS sent or received; otherwise it will be displayed "Unknown contact".

○ **Settings**

- ✓ **Memory Status** : show the current status of the phonebook memory (100 entries max.). The display format for the memory usage is "used/total".
- ✓ **Delete all**: delete all the contacts from the Coffe phonebook.
- ✓ **Incoming call tone mode**: enable/disable the tone for the incoming calls of the Coffe area.

■ **Coffe Messages**

○ **Write message**

Write a new text message, and send it via SIM1 or SIM2. Each message may be up to 1140 characters in length.

○ **Inbox**

Here you can view the messages received.

- ◆ **Reply**: reply the selected SMS. .
- ◆ **Edit**: edit the SMS to forward it later.
- ◆ **Delete**: delete the selected SMS.
- ◆ **Delete all**: delete all the received SMS.

Note: when selecting a contact in Coffe area to send a SMS, only the contacts saved in the Coffe phone book will be displayed.

Tip: if you receive new messages when the folder Inbox is full, the phone will automatically overwrite old messages.

○ **Drafts**

This folder shows the drafts that have been saved.

○ **Outgoing**

If you decide to select the option "**Save**" and send the message at a later time, the message will be saved in the Coffe "Outgoing" folder .

○ **Outbox**

This folder shows a list of sent messages (up to 10 SMS). When sending a message you can select the option "Save and send", the message will be saved in the Coffe "Outbox" folder.

○ **Coffe SMS Tone Mode**

Enable/disable the tone for the incoming SMS of the Coffe area.

■ **Coffe Call log**

These logs contain records of missed calls, received calls and dialled calls with Coffe phonebook contacts. From one of these lists, press **Send** key to call the selected number.
Select **Delete call logs** to delete all the records.

Tip: if your phone displays a notification of missed call, press "Read" to immediately open the Missed calls list. If a fake name/fake number has been set up, it will be displayed in the call logs.

■ **Change Coffe Lock**

Use this option to change the Coffe password: digit the default password first, and then the new one for two times. For instance, digit ***0000#** first in the stand-by screen; then choose **Change Coffe Lock**, digit the old code "**0000**", and then the new one ("**1111**", for example). You will be required to enter your new password

again, then the change will take effect. The next time you access the Coffe area, you'll have to digit ***1111#** in the stand-by screen.

Note: do not ever forget your Coffe lock; otherwise, you will be prevented from accessing the Coffe area and your data will be lost.

■ Block incoming calls

You can choose to block all the calls coming from Coffe area contacts.

■ Password reminder

Use this option to save and store strictly personal numbers as bank accounts, credit cards, ATM codes, various passwords, etc.

Text input

Writing messages: any preferred method?

The mobile phone provides multiple convenient input modes, with support of other functions. Besides the standard mode, you have the opportunity to use the **T9** method (set as default method), a system for predictive text entry. When you write text messages, this method predicts alphabetically the word you are typing, changing to each keystroke, and can also complete automatically each word. The system allows also to edit, delete, or add words to your T9 dictionary.

Basic letter input

Choose between the modes "**T9 Abc**", "**T9 abc**", "**T9 ABC**", "**Abc**", "**abc**", "**ABC**" and "**123**" using the "**#**" key, and insert the desired characters with the keyboard. The abbreviation that is visualized in relation to the selected mode may vary according to the language chosen for text input.

Numeric input (123)

This mode is mainly used to input phone numbers etc. After "**Numeric**" method has been chosen, you can input digit into the place where the cursor is flickering.

Symbol input

To see the symbol list, press "*****" key in the "**Write message**" screen. If you want to use one symbol, press the up/down/left/right keys to select it.

USB connection

Notices before use

- Always make sure you connect and stop any USB devices correctly.
- Never use Windows formatting command to format the mobile disk of the mobile phone; otherwise, it could be severely damaged.
- USB work environment:
 - Minimum Operating System: Windows 2000 / XP .
 - Other operating systems could require the installation of a USB driver for PC/phone connection.

Maintenance and Safety

Maintenance and Safety tips

Please read and observe the following information for a safe and proper use of your phone and to prevent damage. Keep this User Guide in an easy to find place. When you need a quick reminder on how to respond to a particular situation, go to the relevant section for the information you need.

Post-sale service

For details, please refer to the Guarantee Certificate or Warranty Card inside the box.

Charger and adapter

Charger & External Power Adapter Safety Tips

Charger and adapter are designed for indoor use only. Do not use them in wet environments.

Battery Information and Care

Battery Safety Tips

- Please dispose of your battery properly.
 - Do not disassemble or short-circuit the battery.
 - Keep the battery's metal contacts clean.
 - Recharge the battery after long periods of non-use to maximize battery life.
 - Battery life could vary due to usage patterns and environmental conditions.
 - The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal status. In this case, remove the battery from the phone, reinsert it, and turn the phone on.
-

General Notice

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
 - Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
 - Talking on your phone for long period of time may reduce call quality due to heat generated during use.
 - When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
 - Using the phone in proximity to receiving equipment (i.e. TV or Radio) may cause interference to the phone.
 - Do not immerse your phone in water. If this happens, remove the battery and take it to nexian Authorized Service Center.
 - Do not paint your phone.
 - The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, picture, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
 - Do not turn your phone on or off when the device is close to your ear.
-

Troubleshooting

Troubleshooting

Before contacting after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

Problems	Possible Causes
Unable to switch on	1. Does the battery have enough electrical power? 2. Is the battery placed correctly?
SIM failure	1. The SIM card is dirty. Clean it. 2. Reinstall the SIM card 3. The SIM card is damaged. Replace it.
Poor signal	Check the signal strength icon on the screen. If the icon contains 4 bars, the signal is at its strongest; if it is below 1 bars, the signal is very poor. You may be in a weak reception area. Move and try again.
Unable to dial out	1. Maybe you have set Hide My Caller ID but your network operator does not provide this service for you. 2. There are lots of interference sources in your neighborhood. 3. Maybe you have activated some call restriction function.
Unable to charge the battery	1. The battery may be over-discharged; so it requires a longer charging period than normal. 2. Its performance has got worse; it is necessary to replace the battery.
Unable to register to the network	1. Too weak signals or strong interferences. 2. SIM card not properly installed. Bad contact or SIM card damaged. If the SIM card is broken, please contact the network operator to replace it.
No ring tone on incoming calls	1. The Silent profile has been selected in User Profiles. 2. The ringtone volume is too low. Set the correct volume through User Profiles.
The phone prompts you to enter your PUK code	The incorrect SIM PIN has been entered more than 3 times and the SIM is now locked. Please contact the network operator.
Photos taken are too dark	1. Brightness is set too low. 2. Ambient light is poor.
Photos taken are unclear	1. Check if your subject is moving too fast. 2. Maybe the phone slightly moved while the shutter was open.
Photos taken are distorted	The subject may be too close for the camera lens.
The picture selected as wallpaper is only partially visible	The size of the photo is probably too large.
The selected picture is not displayed	1. Picture format not recognized by the phone. 2. The size of the photo is probably too large.
Service menu is not accessible.	Maybe your SIM card doesn't support Services function.

Abbreviations

SMS	Short Message Service
MMS	Multimedia Message Service
EMS	Enhanced Message Service
SIM	Subscriber Identity Module
GSM	Global System for Mobile Communication
PIN	Personal Identity Number
PUK	PIN Unblocking Key
IMEI	International Mobile Equipment Identity
CSD	Circuit Switched Data
USSD	Unstructured Supplementary Service Data
APN	Access Point Name
CB	Cell Broadcast
GPRS	General Packet Radio Service
UART	Universal Asynchronous Receiver/Transmitter
Card 1	Primary SIM Card (slot SIM1)
Card 2	Secondary SIM Card (slot SIM2)

Certifications

Declaration of conformity (R&TTE)

We, NGM Italia
declare under our sole responsibility that the product identified as
GSM Mobile Phone : **SWAT**
conforms to the following standards and specifications:

We declare that [all the series of fundamental radio test have been conducted and that] the aforesaid product meets all the essential requirements of the Directive 1999/5/EC.
The conformity assessment procedure referred to in Article 10 and detailed in Annex IV of Directive 1999/5/EC has been followed with the involvement of the following notified bodies:

CE 1313

Bay Area Compliance Laboratories Corp.
1274 Anvilwood Ave., Sunnyvale, CA 94089, USA
Website: www.baccorp.com

All technical documents conserved at NGM Italia S.r.l.
Available on request.
(UE Authorized Representative)

NGM Italia S.r.l.
Via L. Da Vinci, 7 – Ponticelli
56020 Santa Maria a Monte (PI)

S.A.R. (Specific Absorption Rate)

Informations on SAR certifications

Cell phones are radio transceivers. They have been projected not to exceed the radio wave exposition limits recommended by international guidelines. These guidelines have been determined by the independent scientific organization ICNRP and include security limits to ensure protection to all persons, independently from their age and health conditions.

This phone meets European Union (EU) requirements concerning exposure to radio waves coming from telecommunication and radio devices. The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0 W/kg averaged over ten grams of body tissue.

The highest SAR value for this model phone when tested for use at the ear was 0,908 watt /kg^{1 2}. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone. The Declaration of Conformity here above proves that the designated product is in compliance with the essential requirements and other relevant provisions of the R&TTE - Directive (European Radio & Terminal Telecommunications Equipment)1999/5/EC

1. These controls have been made according to international guidelines on controls.
2. For the use next to the body, this telephone model has been controlled and is conform to the directives for the exposition to RF, also when used with accessories not containing metallic parts or which position the mobile phone at least at 1,5cm distance from the body.

Warnings

WHO (World Health Organization) confirms that the actual scientific information does not indicate the necessity to adapt particular precautions for the use of cell phones.

Nevertheless, for all those users not comforted by these data, NGM advises to limit their own and their children's exposure, for instance by reducing the calling time, or by using earpieces or hands-free devices to keep the mobile phone distant from the body and the head.

For more information on the argument, NGM invites to consult the WHO document (Fact sheet N°193, June 2011) entitled Electromagnetic fields and public health: mobile phones at the following web address:

<http://www.who.int/mediacentre/factsheets/fs193/en/index.html>

NGM advises to use mobile devices of any brand or model with moderation and to keep them at a minimum distance of 1,5 cm from the body or to use earpieces or other hands-free devices.

